and contrast. Scope and different aspects of Zoology. Animal Cell-organization and function. Chief Properties of Protoplasm. General organization of animal body. Classification and nomenclature—General classification.

INVERTEBRATA (PART I).

Protozoa.—Differences between protozoa and metazoa; Study of amœba euglena, paramœcium. Malarial parasite. A knowledge of soil protozoa, and pathogenic forms in relation to man and domestic animals.

Platyhelminthis.—Study of the structure and life history of sheep liver fluke; a knowledge of common cestode parasites of farm animals and man.

Nematoda.—An elementary account of the common nemtodes affecting agricultural crops, farm animals and man.

Annelida.—General characteristics of the phylum; segmentation and cœlom; study of earthworm and its importance to agriculture. Examples of the soil annelids of economic importance.

Arthropoda.—Classification and general characteristics. Differences and similarities between annelida and arthropoda. Study of external characteristics of prawn, millipedes and centipedes, spider and scorpion, ticks and mites.

Brief study of cockroach, butterfly and grasshopper. Agricultural importance of the above.

Mollusca.—Study of external characters of fresh water mussel, and agricultural importance of snail and slug. A knowledge of economic forms.

Vetebrata (Part II).

Chordata.—General characters of chordata; characters of vertebrate and classification. General characters of different classes—fishes, amphibia, reptiles, birds, and mammals. Comparative study of digestive, circulatory, respiratory excretary and reproductive systems.

Economic and agricultural importance.

Fishes: Economic forms and an elementary knowledge of pisciculture.

Amphibians. Economic importance.

Reptiles. Common poisonous snakes of South India, and their diagnostic characters.

Aves. Economic importance.

Mammals. Animal products with reference to mammals. Importance of farm animals.

Practical—Part I

Use of microscope and knowledge of its parts.

Protozoa.—Examination of fresh water samples for study of common protozoa—amœba, euglena, paramœcium, vorticella, volvox. Examination of the slides of the above including malarial parasite and trypanosome.

Platyhelmenthis and nematodes. Study of external characters of sheep liver fluke, tapeworm and roundworm.

Annelida. Dissection of earthworm to show the position of internal organs, and digestive, circulatory and nervous systems.

Arthropoda. Study of external characters of prawn, crap, millipede, centipede, spider, scorpion, ticks and mites, cockroach, butterfly and grasshopper. Dissection of cockroach for digestive and respiratory, nervous and reproductive systems.

Mollusca. Study of the external characters of snail, and fresh water mussel. Dissection of fresh water mussel for digestive and nervous systems.

Part II.

Fishes: Dissection of digestive, circulatory systems.

Amphibians. Frog, Dissection of digestive, circulatory, reproductive brain and sympathetic nervous systems.

Reptiles. Lizard. Dissection of digestive circulatory systems.

Birds, pigeons. } Dissection to show position
Mammals, Guineapig } of internal organs.

II YEAR B.Sc. AGRICULTURE.

299 **Animal Husbandry.**

(*a*) Under practicals the following sentence be *deleted*:
"Feeding and care of the cow during pregnancy and after calving, breeding bulls, bullocks and young stock. Milking of cows and buffaloes.

(*b*) *Add* the following at the end of the existing paragraph (*d*) under Breeds of Live-stock.
Poultry including incubation and brooding and marketing of eggs and birds.

III YEAR B.Sc. AGRICULTURE.

Animal Husbandry and Dairying.

Delete the following under item (*c*) of Care and Management of Live-stock:
"Poultry including incubation and brooding and marketing of eggs and birds."

(Letter No. E. 8241, dated 18th June 1952, from the Secretary to Government, Education Department, Bangalore).

By Order,
C. RANGACHAR,
Registrar.

DEPARTMENT OF PUBLIC INSTRUCTION.

OFFICE OF THE DIRECTOR OF PUBLIC INSTRUCTION IN MYSORE, BANGALORE.

(COMMERCIAL SECTION).

Notification dated 7—19th June 1952.

No. D. 29 C1. 4454-38—51-52. It is hereby notified for general information that in partial modification of this Office Notification No. D. 20. Cl. 3939-13—46-47, dated 21st September 1948 under Rule III (1), the words "and Senior" be added after "Junior" in line 1 on page 2 and after the word "Junior" in line 4 of the same page.

The modified Rule will read as follows:—

III Admission of students to Commercial Institutions:—

(1) Students seeking admission to any course of study except Junior and Senior Typewriting in Commercial Institutions should produce satisfactory evidence to show that they have passed the Mysore S.S.L.C. or any equivalent examination. Students seeking admission to the Junior and Senior Typewriting should produce satisfactory evidence to show that they have completed the S.S.L.C. Course. (*Vide* letter No. E. 12048—Edn. 198-47-4, dated 12th March 1952 of the Secretary to Government, Education Department).

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(COMMERCIAL SECTION).

Notification dated 16th June 1952.

No. C 1. 1104-51—52-53. Applications for appointment as Examiners for the Mysore Government Commercial Examinations of 1953 (copies of which can be had on application) along with copies of testimonials, if any, are invited by the Secretary, Board for Commercial Education and Examinations, New Public Offices, Bangalore, so as to reach him on or before the 31st of August 1952.

2. All communications in this connection, if sent by post, should be properly stamped and pre-paid.

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Notification dated 30th June 1952.

No. F. Dis. Gl. 6815-76—52-53. It is hereby notified for general information that Sri A. K. Bharadwaj and Sri S. R. Ranganarasimha Setty, Municipal Councillors, Magadi, elected by the reconstituted Town Municipal Council, Magadi are appointed as Non-official Members to serve on the Managing Committee of the Municipal High School, Magadi, in place of the existing two Non-official Members representing the local Municipality, as per the Municipal Council's Resolution dated 8th May 1952. The Non-official President of the Municipal Council will bontinue to be a Non-official member of the Managing Committee of the above School representing the Municipality.

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